

M&J F240e

The obvious waste Fine-shredder for most production needs

Up to
35% lower energy
consumption than the
closest competitors



Some choices are a piece of cake

Incredibly low energy consumption.
The highest capacity in its class. Trouble-free operation.
You will love this highly efficient fine-shredder.



M&J F240e

M&J F240e makes the world greener

At M&J Recycling, we are deeply committed to contributing to a sustainable world. It's now that we need to take action, and better waste utilization is a crucial factor in reducing our carbon emissions.

Our extensively tested e-drive solution is pure power. It's superior when it comes to extracting the last resources from waste by transforming it into high-quality fuel in the form of RDF or SRF.

The benefits are lining up

M&J F240e shreds up to 17 tons per hour, which covers most needs for high-efficiency RDF/SRF production. In addition to its capacity, it particularly distinguishes itself from competitors in three areas:

1. Superior total cost of ownership (TCO) and highly competitive OPEX
2. Extremely easy servicing and automatic monitoring of the drive and rotor
3. Outstanding output quality in homogeneous sizes with minimal fine particles

M&J F240e is exceptional quality from the outside in!



With e-drive, you get more power than hydraulics while achieving significant savings on your energy bill



Our intelligent e-drive solution gives you high output, with less energy consumption and less maintenance

Let's break it down

There are many reasons why the M&J F240e is the strongest in its class. The cutting system is one of the most significant reason for that. The fine-shredder features a unique cutting system that can cut through all pre-qualified material and leave it in highly consistent homogeneous sizes. Combined with optimized control settings, this provides outstanding production capacity.

Once the rotor knives and static knives are set, unlike competing machines, they require no routine adjustments. This saves you both time and frustration.

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Advantages of the unique cutting system

- Minimal operating costs
- Reduced heat development
- Highly efficient production
- Outstanding output quality



"The cutting system is the heart of our shredders. The innovative design is the result of decades of practical experience. We know what works because we've tested it again and again with one goal in mind – to develop the world's best cutting system".

Jens Vestergaard Nielsen,
Head of R&D at M&J Recycling

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Easy access makes service a breeze

Everything is meticulously thought out on the M&J F240e – especially the replacement of wear parts. The service team has quick and easy access to everything, enabling them to replace all wear parts extremely quickly. This keeps costs down and the shredder's production time up.

- The rotor is easily accessible from both sides for straightforward servicing and cleaning
- The knife holders are designed for easy replacement if the need arises
- Replacing of screens, is as easy as unscrewing few screws, and hinging new screen on

The needed installed power is 250kW.



OPERATING COSTS

You are in for a nice surprise

You get a reliable solution for many years to come, where you know the costs from the start.

- M&J F240e requires less servicing and maintenance due to its clever design and efficient cutting technology
- You can save up to 35% in operational energy consumption compared to other leading suppliers in the market



PERFORMANCE

No one above - no one next to

The M&J F240e can meet all your needs for the production of alternative fuels like RDF/SRF across all grain size requirements.

- Leading cutting technology and a cleverly designed rotor ensure highly efficient shredding of all qualified material
- Pusher system that can be programmed for various types of qualified material to optimize your production capacity



SERVICING

Created to make life easy for you

With the M&J F240e, you can carry out servicing and daily maintenance easier and faster than ever.

- Outstanding build quality, easy access to wear parts and fast replacement of standard spare parts
- Specially trained local service technicians are ready to help whenever you need them



OUTPUT QUALITY

Output quality in a class of its own

The M&J F240e shredder can deliver product output size down to 10 mm, making them ideal for alternative fuel production such as RDF and SRF.

- Advanced technology leaves a very limited amount of fine particles
- Minimal heat generation and subsequently less risk of plastic melting and no external cooling needed



Customized for RDF and SRF production

With the M&J F240e on your team, it's easier than ever to extract the last resources from waste. The fine-shredder delivers a superb RDF and SRF end product in the output size you desire, which is crucial for its calorific value of the end product and, therefore, your settlement price.

Also, the shredder generates a limited amount of heat, limiting the need for installing the extra cooling.

It's that simple

1. Select the desired output size - extreme quick and easy screen exchange
2. Adjust the pusher in an instant
3. Enjoy a homogeneous output

The M&J F240e is fitted with a robust single-rotor fine-shredder that efficiently handles various materials such as waste fuel (RDF/SRF), hard plastic, and loose material



RDF (Refuse Derived Fuel)

RDF is used for electricity and heating, primarily in Waste-to-Energy plants. It is a significantly better environmental alternative than burning fossil fuels like coal and oil.

SRF (Solid Recovered Fuel)

SRF has a higher calorific value than RDF and is primarily used in cement kilns as a replacement for fossil fuels. SRF can significantly reduce your carbon footprint.

You also get...

HSE better working environment

With an e-drive, the noise emission from the electric driveline is significantly lower than typical hydraulic drivelines. Furthermore, there is less of a need for ongoing maintenance.

Remote connection to the service center

If a sensor on the key components detects a fault, it is immediately picked up by the service center or your local partner, giving you maximum uptime, and potentially enabling preventive maintenance.



Improve your operating costs with 'My M&J Performance'

My M&J Performance is a digital solution that optimizes your shredder's performance. You can monitor your shredder remotely and access essential data about its condition and maintenance needs. Trustworthy data means cost savings for your operations!

- Access real-time remote data
- Quick issue resolution with data insights
- Optimize uptime with preventive maintenance
- Prevent unexpected stops with expert help and reports



*With you
all the way*

FOR MORE INFORMATION,
CONTACT YOUR LOCAL M&J
REPRESENTATIVE, OR CONTACT
YOUR DEALER DIRECTLY.

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